# AUTHOR INDEX Volume 28

## July - December 1983

Abdel-Rahman, H., 41			
Adams, M.R., 253			
Åhrén, T., 315, 341			
Aird, S.A., 69			
Allen, W.L., 53			
Andersen, O., 489			
Andolsék, L., 505			
Aono, T., 87			
Arieli, S., 349			
Astedt, B., 181, 553			
Back, D.J., 53, 69			
Bagni, B., 201			
Ballejo, G., 413			
Barke, J.I., 233			
Barna, P., 233			
Bassi, P., 201			
Baulieu, E.E., 77			
Bergamini, C., 201			
Bergquist, C., 225			
Betrabet, S.D., 423			
Bianchi, A., 201			
Black, C., 103			
Boonsiri, B., 61			
Bordekar, A., 527			
Breckenridge, A.M., 53			
Brenner, P.F., 111, 135			
Bukovsky, I., 349			
Candini, G.C., 201			
Caspi, E., 349			
Casslén, B., 181, 553			
Cavallini, A.R., 201			

Chan, P.H., 481
Chan, S.Y.W., 481
Channiyom, K., 61
Chaudhury, M.R., 171
Chi, Ic, 437
Chompootaweep, S., 399
Clarkson, T.B., 253
Colombo, G., 159
Confino, E., 521
Contractor, N.M., 527
Croxatto, H.B., 543
David, M.P., 521
Dechavanne, M., 357
Defoort, P., 299
Derom, R., 299
Diaz, S., 543
Diaz-Flores, M., 93
Donde, U.M., 423
Diczfalusy, E., 21
Durán, G., 93
Dusitsin, N., 399
Elder, M.G., 405
El Sahwi, S.Y., 41
Etchepareborda, J.J., 475
Feldblum, P.J., 437
Ford, S.A., 565
Fotherby, K., 405
Frances, M., 455
Fraser, I.S., 385
Galliani, G., 159
Goebelsmann, U., 241

Goh, T.H., 329 Gommaa, A.A., 149 Grimmer, S.F.M., 53, 69 Gross, M., 587 Guichardant, M., 357 Hariharan, M., 329 Hattikudur, N., 527 Henzl, M., 241 Hicks, J.J., 93 Hildebrandt, R., 209 Hilgers, R., 209 Hingorani, V., 223 Houghton, V.P., 103 Hsueh, A.J.W., 77 ICMR Task Force on Female Sterilization, 369 ICMR Task Force Study on Regulation of Male Fertility (Surgical Approaches), 423, 527 Ingram, P., 543 Ismajovich, B., 521 Jackanicz, T.M., 315 Johannisson, E., 21 Johansson, E.D.B., 315 Jones, A.R., 565 Jordan, N., 337 Kambo, I., 423, 527 Kesseru, E., 475 Khan-Dawood, F.S., 413 Kinra, G., 223 Kopikar, D.G., 423 Kovačic, J., 505 Kovacs, G.T., 455 Koźuh, M., 505

Lagarde, M., 357 Landgren, B.-M., 21 Laufe, L., 299 Lindgren, P.-G., 225 Ling, T., 241 Lithell, H., 315 Litt, B., 505 Lohiya, N.K., 281, 575 Loo, J.C.K., 337 Luzzani, F., 159 Marrs, R.P., 111 Mehlis, W., 587 Mehta, A., 527 Mehta, S., 423, 527 Méndez, J.D., 93 Menzies, J.A., 337 Meyer, D., 209 Mishell, D.R., Jr., 111 Miyakawa, I., 241 Miyake, A., 87 Mollica, G., 201 Moo-Young, A.J., 253 Mroszczak, E.J., 241 Muggeridge, J., 405 Nelson, C.A., 253 Orme, M.C.L'E., 53, 69 Osman, F.H., 149 Pansini, F., 201 Parewijck, W., 299 Pholpramool, C., 273 Pine, S., 233 Qunicy, Cl., 357 Rath, W., 209 Reinprayoon, D., 399 Rivero, L.V., 475 Robertson, D.N., 543 Roy, S., 111

Kuhl, H., 587

Kuhn, W., 209

Kumar, S., 223

D 1		057
Rudel.	LoLog	200

## Shelburne, J.D., 543

Somboonsuk, A., 399

## Souka, A.-R., 41

Spellacy, W.N., 413

Srikhao, A., 273

Stanczyk, F.Z., 241

Stegmüeller, M., 587

Tang, G.W.K., 481

Tang, L.C.H., 481

Tasaka, K., 87

Taubert, H.-D., 587

Tatum, A.H., 543

Thau, R.B., 253

Thiery, M., 299

Tjia, J., 53

Toddyvalla, V., 21, 423

Toppozada, H.K., 41

Towobola, 0., 405

Tsibris, J.C.M., 413

Van Der Pas, H., 299

Van Kets, H., 299

Vessby, B., 315

Victor, A., 315, 341

Virutamasen, P., 61, 399

Wagner, H.H., 489

Watanabe, H., 337

Weber, W., 587

Weinraub, Z., 349

Wilks, J.W., 267

Wongsrichanalai, C., 61

WHO Task Force on Long-Acting

Agents for the Regulation of

Fertility, 1

Yedwab, G., 521

Zito, V., 201



#### SUBJECT INDEX Volume 28 July - December 1983

Acceptability, vaginal spermicides in combination with barrier methods or IUCD, 103

Accessory sex organ weights, effect of sulfasalazine (rat), 273
Acetaminophen-induced hepatic necrosis, effect on pharmacokinetics
of levonorgestrel (mouse), 149

Acid phosphatase level, effect of polyphloretin phosphate and polyethylene IUD (rat), 171

Age, influence on blood prolactin levels, 201

Age at time of vasectomy, long-term effects on antibodies to spermatozoa, 527

Albumen level, effect of triphasic ethinyl estradiol  $\pm$  dl-norgestrel, 189 Alkaline phosphatase level,

effect of polyphloretin phosphate and polyethylene IUD (rat), 171 effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Amenorrhoea,

effect of depot-medroxyprogesterone acetate, 1

effect of norethisterone enanthate, 1

survey of different approaches to management during injectable contraceptive use, 385

Anaesthetic complications following tubal sterilization, 369

Androgen receptor, binding of RU-486 (rat), 77

Androgenicity, effect of cyproterone acetate + testosterone enanthate (monkey), 575

Androgens, effect on thymus and spleen (rat), 587

Antibodies to spermatozoa, long-term effects of vasectomy, 527

Antifertility effect, sulfasalazine (rat), 273

Antifertility studies,  $\alpha$ -difluoromethylornithine (hamster), 159 Apolipoproteins,

effect of CVRs releasing different progestins, 315

effect of megestrol acetate, 315

Apoprotein B level, effect of ethinyl estradiol + levonorgestrel, 357 Bacteriology of vagina,

effect of estradiol + levonorgestrel CVR, 341

effect of ethinylestradiol + levonorgestrel, 341

Bilirubin level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Billings natural family planning method, correlation of subjective signs

with cervical mucus quality and ovulation, 475

Binding to ovarian steroid receptors, RU-486 (rat), 77 Biochemical constituents of epididymis, effect of danazol + testosterone enanthate (rabbit), 281

Biochemical constituents of seminal plasma, effect of danazol + testosterone enanthate (rabbit), 281

Biochemical parameters, long-term effects of vasectomy, 423

Bioequivalence comparisons of solution and tablet dose, ethinylestradiol + norethindrone, 241

Bleeding control,

effect of CVRs releasing different progestins, 315 effect of megestrol acetate, 315

Bleeding disturbances, survey of different approaches to management during injectable contraceptive use, 385 Bleeding pattern, effect of depot-medroxyprogesterone acetate, 1 effect of norethisterone enanthate, 1 effect of D-Ser(TBU)6-EA10-LRH, 125 Blood clotting factors, effect of ethinyl estradiol + levonorgestrel, 489 Blood loss, cervical dilatation prior to vacuum aspiration with laminaria tent, isaptent or 15-methyl-PGF2 a, 223 Blood pressure, effect of depot-medroxyprogesterone acetate, 1 effect of ethinyl estradiol + levonorgestrel, 489 effect of levonorgestrel CVR (monkey), 253 effect of norethisterone enanthate, 1 effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Blood urea nitrogen level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Body weight, effect of depot-medroxyprogesterone acetate, 1 effect of ethinyl estradiol + levonorgestrel, 489 effect of norethisterone enanthate, 1 effect of d-norgestrel, 61 effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Calcium level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Carbon dioxide insufflation omission, laparoscopic tubal ligation, 233 Carcinoma <u>in situ</u> of cervix, effect of oral contraceptives, 505 Cell-mediated immune response, long-term effects of vasectomy, 527 Cellular radioimmunoassay, long-term effects of vasectomy, 527 Cervical dilatation prior to vacuum aspiration, laminaria tent, isaptent or 15-methyl-PGF2  $_{\rm C}$  , 223 Cervical mucus ferning vs. vulvar humidity degree, Billings natural family planning method, 475 Cervical mucus quality and ovulation correlated with subjective signs, Billings natural family planning method, 475 Cervical mucus spinnbarkeit vs. vulvar humidity degree, Billings natural family planning method, 475 Cervix, influence of oral contraceptives on incidence of premalignant and malignant lesions, 505 Cesarean hysterectomy, post-operative complications, 349 subsequent gynecological surgery, 349 Cesarean section with tubal ligation, post-operative complications, 349 subsequent gynecological surgery, 349 Chloride level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189  $6\alpha$  -Chloro-1,2  $\alpha$  -methylene-17  $\alpha$ -hydroxy-pregna-4,6-diene-3,20-dione-17acetate (cyproterone acetate) (R,S)-α-Chlorohydrin (3-chloropropan-1,2-diol) (R,S)-3-Chlorolactaldehyde, effect on oxidation of fructose by spermatozoa (rabbit), 565 3-Chloropropan-1,2-diol ((R,S)- $\alpha$ -chlorohydrin), effect on oxidation of

fructose by spermatozoa (rabbit), 565

Cholesterol distribution among plasma lipoproteins, effect of levonorgestrel CVR (monkey), 253 Cholesterol level, effect of CVRs releasing different progestins, 315 effect of ethinyl estradiol + levonorgestrel, 357, 489 effect of megestrol acetate, 315 effect of triphasic ethinyl estradiol + dl-norgestrel, 189 long-term effects of vasectomy, 423 Clinical chemistry, effect of cyproterone acetate + testosterone enanthate (monkey), 575 Common faults in previous female sterilization studies, 437 Complete or incomplete abortions, intracervically administered PG gel preparations, 209 Complications, vasectomy, 455 Complications following tubal sterilization, 369 Conceptus weight, effect of a-difluoromethylornithine (hamster), 159 Contraceptive action of polyethylene IUD, effect of polyphloretin phosphate (rat), 171 Contraceptive preparations, effect on thymus and spleen (rat), 587 Contraceptive vaginal rings (CVR), estradiol + levonorgestrel, 315, 341 estradiol + medroxyprogesterone acetate, 315 estradiol + megestrol acetate, 315 estradiol + norethisterone, 315 levonorgestrel (monkey), 253 progesterone, 315 Contragestational effects, a -difluoromethylornithine (hamster), 159 Copper-T 200, comparison with OM-GA Cu IUCD in clinical trial, 521 Corpus luteum function, effect of oxytocin (monkey), 267 Cortisol level, effect of d-norgestrel, 61 Cotrimoxazole. effect on ethynylestradiol level, 53 effect on FSH level, 53 effect on levonorgestrel level, 53 effect on progesterone level, 53 Creatinine level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Culdotomy tubal sterilization, immediate sequelae, 369 CVR (contraceptive vaginal ring) Cyclic phases, effect on endometrial plasminogen activator activity and concentrations of urokinase and tissue activator, 553 Cyproterone acetate (6 a -chloro-1,2 a -methylene-17a -hydroxy-pregna-4,6diene-3,20-dione-17-acetate) Cyproterone acetate + testosterone enanthate, effects on seminal characteristics, androgenicity and clinical chemistry (monkey), 575 Cytology of vagina, effect of estradiol + levonorgestrel CVR, 341 effect of ethinyestradiol + levonorgestrel, 341 Danazol, effect on estrogen-induced LH release (rat), 87 Danazol + testosterone enanthate, structural and functional changes in epididymis (rabbit), 281 Delayed complications following tubal sterilization, 369

Delta Lippes loop, immediate postplacental insertion, 299 residual catgut after use, 299 Delta loop, early postpartum insertion, 399 Delta-I IUD, immediate postpartum insertion, 135 Delta TCu220C,

immediate postplacental insertion, 299 residual catgut after use, 299

Depot-medroxypogesterone acetate, survey of different approaches to management of menstrual disturbances, 385

Depot-medroxyprogesterone acetate and norethisterone enanthate, multinational comparative clinical trial of long-acting injectable contraceptives, 1

Determination of success of attempts to terminate early gestation pregnancies with PG vaginal suppositories, 111
Diaphragm plus spermicidal jelly, user acceptability, 103

α -Difluoromethylornithine,

contragestational effects (hamster), 159 effect on embryonic development (rat), 93

effect on embryonic development (rat),  $5\alpha$  -Dihydrotestosterone,

effect on fertilizing capacity of spermatozoa, 481 effect on sperm motility, 481

Discontinuation, vaginal spermicides in combination with barrier methods or IUCD, 103

Discontinuation rate,

depot-medroxyprogesterone acetate, 1 norethisterone enanthate, 1

Early gestation pregnancy termination with PG vaginal suppositori methods to determine success of attempts, 111

Ectopic pregnancies after sterilization, topic for further female sterilization studies, 437

Electrocardiogram status, long-term effects of vasectomy, 423 Embryo weight, effect of  $\alpha$ -difluoromethylornithine (hamster), 159 Embryonic development, effect of  $\alpha$ -difluoromethylornithine (rat), 93

Endocrine changes, sequelae of vasectomy, 455

Endometrial dating, effect of levonorgestrel and ethinyl estradiol, 21 Endometrial enzyme levels, effect of polyphloretin phosphate and polyethylene IUD (rat), 171

Endometrial morphology, effect of levonorgestrel and ethinyl estradiol, 21 Endometrial plasminogen activator content, effect of oral contraceptives, 181

Endometrium, occurrence of urokinase and tissue plasminogen activator, 553 Enzyme-linked immunosorbent assay, long-term effects of vasectomy, 527 Epidemiological studies, sequelae of vasectomy, 455 Epididymal sperm reserve, effect of sulfasalazine (rat), 273

Epididymia, structural and functional changes following danazol + testosterone enanthate (rabbit), 281

Epididymis weight,

effect of danazol + testosterone enanthate (rabbit), 281 effect of sulfasalazine (rat), 273

Estimated day of ovulation vs. vulvar humidity degree, Billings natural family planning method, 475

Estradiol,

effect on insulin and glucose levels (rat), 413

effect on insulin binding in target tissues (rat), 413

Estradiol + levonorgestrel CVR,

effect on ovarian function, bleeding control and serum lipoproteins, 315

effect on vaginal bacteriology and cytology, 341

Estradiol + medroxyprogesterone accetate CVR, effect on ovarian function, bleeding control and serum lipoproteins, 315

Estradiol + megestrol acetate CVR, effect on ovarian function, bleeding control and serum lipoproteins, 315

Estradiol + norethisterone CVR, effect on ovarian function, bleeding control and serum lipoproteins, 315

Estradiol binding, effect of levonorgestrel and ethinyl estradiol, 21 Estradiol level,

effect of estradiol, progesterone or norgestrel treatment (rat), 413

effect of estradiol + medroxyprogesterone acetate CVR, 315

effect of estradiol + megestrol acetate CVR, 315 effect of estradiol + norethisterone CVR, 315

effect of levonorgestrel and ethinyl estradiol, 21

effect of progesterone CVR, 315 effect of D-Ser(TBU)6-EA<sup>10</sup>-LRH, 125

Estrogen-induced LH release, effect of danazol (rat), 87

Estrogens, effect on thymus and spleen (rat), 587

17  $\alpha$ -Ethinyl-5  $\beta$  -estrane-3  $\alpha$  ,17  $\beta$  -diol, HPLC-RIA method, 337

Ethinylestradiol + levonorgestrel,

effect on vaginal bacteriology and cytology, 341

short-term effects on glucose metabolism, plasma lipids and blood clotting factors, 489

Ethinyl estradiol + dl-norgestrel triphasic, metabolic effects, 189 Ethinylestradiol and norethindrone, pharmacokinetics when administered in solution and as tablets, 241

Ethinylestradiol level, effect of ethinylestradiol + norethindrone administered in solution and as tablets, 241

Ethinyl estradiol pharmacodynamics, effect of vaginal device releasing levonorgestrel, 21

Ethynylestradiol + levonorgestrel triphasic, effect of cotrimoxazole, 53 Ethynylestradiol + l-norgestrel, effect on prolactin levels, 201

Ethynylestradiol level, effect of cotrimoxazole, 53

effect of triphasic ethynylestradiol + levonorgestrel, 53

Expulsion.

effect of time from placental delivery to IUD insertion, 135 immediate postpartum insertion of Delta-T-IUD, 135

Expulsion rate,

Copper-T 200, 521

early postpartum insertion of Lippes loop D or Delta loop, 399 immediate postplacental insertion of Delta Lippes loop, Delta TCu22OC or TCu22OC, 299

OM-GA Cu, 521

Failure rate

topic for further female sterilization studies, 437 vasectomy, 455

Fasting blood sugar level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Fatty acid composition, effect of ethinyl estradiol + levonorgestrel, 357 Female sterilization studies. common faults in previous studies, 437 methodologic considerations, 437 Ferritin level, effect of laparoscopic sterilization, 329 effect of Multiload Cu 250, 329 effect of Progestasert, 329 Fertility index, effect of sulfasalazine (rat), 273 Fertilizing capacity of spermatozoa, effect of androgens, 481 First trimester pregnancy termination, intracervically administered PG gel preparations, 209 Follicular diameter, effect of D-Ser(TBU)6-EA10-LRH, 125 Foreign bodies associated with Silastic implants, scanning electron microscopy and X-ray microanalysis, 543 Fredrickson classification, long-term effects of vasectomy. 423 Fructose oxidation by spermatozoa, effect of (R,S)-a -chlorohydrin (rabbit), 565 effect of (R.S)-3-chlorolactaldehyde (rabbit), 565 FSH (follicle stimulating hormone) FSH level. effect of cotrimoxazole, 53 effect of norethisterone oenanthate, 41 effect of triphasic ethynylestradiol + levonorgestrel, Functional and structural changes in epididymis, effect of danazol + testosterone enanthate (rabbit), 281 Glucocorticoid receptor, binding of RU-486 (rat), 77 Glucose level, effect of estradiol, progesterone or noregestrel treatment (rat), 413 effect of ethinyl estradiol + levonorgestrel, 489 effect of levonorgestrel CVR (monkey), 253 effect of d-norgestrel, 61 long-term effects of vasectomy, 423 Glucose metabolism, effect of ethinyl estradiol + levonorgestrel, 489 β-Glucuronidase level, effect of polyphloretin phosphate and polyethylene IUD (rat), 171 Growth hormone level, effect of d-norgestrel, 61 Gynecologic treatments and surgeries post-sterilization, topic for further female sterilization studies, 437 Haematoma broad ligament, complications of tubal sterilization, 369 Haemoglobin level, effect of laparoscopic sterilization, 329 effect of Multiload Cu 250, 329 effect of Progestasert, 329 Haemorrhage, complications of tubal sterilization, 369 hCG (human choriogonadotropin) hCG and oxytocin, effect on serum progesterone level (monkey), 267

β -hCG level.

effect of PG vaginal suppository therapy, 111

method to determine success of attempts to terminate early gestation pregnancies with PG vaginal suppositories. 111

HDL (high density lipoprotein)

HCL cholesterol level,

effect of ethinyl estradiol + levonorgestrel, 357 effect of levonorgestrel CVR (monkey), 253

long-term effects of vasectomy, 423

Hematological factors, effect of triphasic ethinyl estradiol + dl-norgestrel, 189

Hepatic necrosis, effect on pharmacokinetics of levonorgestrel (mouse), 149

High density lipoprotein (HDL),

effect of CVRs releasing different progestins, 315 effect of megestrol acetate, 315

High-performance liquid chromatography-radioimmunoassay (HPLC-RIA),  $17 \alpha$ -ethinyl-5  $\beta$ -estrane-3  $\alpha$ ,  $17 \beta$ -diol, 337

Histological study, effect of danazol + testosterone enanthate (rabbit), 281

HLA antigens, long-term effects of vasectomy, 527

Hormonal contraceptives and sex steroids, effect on thymus and spleen (rat), 587

HPLC-RIA (high-performance liquid chromatography-radioimmunoassay)
Humoral response to spermatozoal antigens, long-term effects of vasectomy, 527

2-Hydroxy-5 [[ 4-(2-pyridinylamino) sulfonyl ] azo ] benzoic acid (sulfasalazine), antifertility effect (rat), 273

17  $\beta$ -Hydroxy-11 $\beta$  -(4-dimethylaminophenyl)-17  $\alpha$  -(1-propynyl) estra-4, 9-dien-3-one (RU-486), binding to ovarian steroid receptors (rat), 77

Hysterectomy vs. tubal ligation, sterilization at time of cesarean section, 349

Immediate and early complications, topic for further female sterilization studies, 437

Immediate postpartum insertion, Delta-T-IUD, 135

Immediate postplacental IUD insertion, sutured and non-sutured models, 299

Immediate sequelae following tubal sterilization, 369 Immune complexes, long-term effects of vasectomy, 527

Immunological changes, sequelae of vasectomy, 455

Immunological parameters, long-term effects of vasectomy, 527
Incidence of carcinoma in situ, effect of oral contraceptives, 505
Incidence rates for cervical lesions, effect of oral contraceptives, 505

Injectable contraceptive,

depot-medroxyprogesterone acetate, 1, 385 norethisterone enanthate, 1, 385 norethisterone oenanthate, 41, 405

Insertion of laparoscopic Trocar without use of carbon dioxide gas, 233 Insulin binding by target tissues, effect of sex steroids (rat), 413

Insulin level, effect of estradiol, progesterone or norgestrel treatment (rat), 413 effect of ethinyl estradiol + levonorgestrel, 489 effect of d-norgestrel, 61 Intracervically administered PG gel preparations, termination of first trimester pregnancies, 209 Intranasal contraceptive, D-Ser(TBU)6-EA10-LRH. 125 Intrauterine administration of a -difluoromethylornithine, effect on embryonic development (rat), 93 Intrauterine contraceptive device or intrauterine device (IUCD or IUD), Copper-T 200, 521 Delta Lippes Loop, 299 Delta loop, 399 Delta-T, 135 Delta TCu220C, 299 effect on endometrial plasminogen activator activity and concentrations of urokinase and tissue activator, 553 Lippes loop D, 399 Multiload Cu 250, 329 OM-GA Cu, 521 Progestasert, 329 TCu220C, 299 user acceptability in combination with vaginal spermicides, 103 Invasive carcinoma of cervix, effect of oral contraceptives, 505 Iron level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Isaptent, cervical dilatation prior to vacuum aspiration, 223 IUCD or condom with spermicidal pessaries, user acceptability, 103 IUCD or IUD (intrauterine contraceptive device or intrauterine device) Laminaria tent, cervical dilatation prior to vacuum aspiration, 223 Laparoscopic sterilization, effect on serum ferritin and blood haemoglobin levels, 329 Laparoscopic Trocar insertion, without use of carbon dioxide gas, 233 Laparoscopic tubal ligation, without prior insufflation of carbon dioxide gas, 233 Laparoscopic tubal sterilization, immediate sequelae, 369 LDH, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 LDL (low density lipoprotein) LDL and HDL properties, effect of levonorgestrel CVR (monkey), 253 LDL cholesterol level, long-term effects of vasectomy, 423

LDL-VLDL cholesterol level, effect of ethinyl estradiol +
levenorgestrel, 357

Leucocyte count in vaginal smear, effect of estradiol + levonorgestrel CVR, 341

Levonorgestrel binding, effect of levonorgestrel and ethinyl estradiol, 21 Levonorgestrel CVR,

effect on ovarian function, bleeding control and serum lipoproteins, 315

effect on vaginal bacteriology and cytology, 341 influence on plasma lipids and lipoproteins (monkey), 253

Levonorgestrel level,

effect of cotrimoxazole, 53

effect of levonorgestrel administration (mouse), 149

effect of levonorgestrel and ethinyl estradiol, 21

effect of levonorgestrel CVR (monkey), 253

effect of triphasic ethynylestradiol + levonorgestrel, 53

influence of acetaminophen-induced hepatic necrosis (mouse), 149

Levonorgestrel pharmacokinetics, influence of acetaminophen-induced hepatic necrosis (mouse), 149

Levonorgestrel-releasing vaginal device, effect on ethinyl estradiol pharmacodynamics, 21

LH (luteinizing hormone)

LH level, effect of norethisterone cenanthate, 41

LH release by estradiol, effect of danazol (rat), 87

Libido, effect of cyproterone acetate + testosterone enanthate (monkey).

Lipids, effect on ethinyl estradiol + levonorgestrel, 489

Lipids and lipoproteins, influence of levonorgestrel CVR (monkey), 253 Lipoprotein profile,

effect of levonorgestrel CVR (monkey), 253

long-term effects of vasectomy, 423

Lipoproteins.

effects of CVRs releasing different progestins, 315

effect of megestrol acetate, 315

Lipoproteins and fatty acid composition, effect of ethinyl estradiol + levonorgestrel, 357

Lippes loop D, early postpartum insertion, 399

Long-term effects on biochemical parameters, vasectomy, 423

Long-term effects on immunological parameters, vasectomy, 527 Low density lipoprotein (LDL),

effect of CVRs releasing different progestins, 315

effect of megestrol acetate, 315 LRH (luteinizing hormone-releasing hormone)

LRH analog, D-Ser(TBU)6-EA10-LRH, 125

Luteal phase length, effect of oxytocin (monkey), 267

Male antifertility effect, sulfasalazine 'rat'), 273 Male sterilization, review of sequelae, 455

Malignant lesions of cervix, influence of oral contraceptives, 505

Maternal serum and milk, norethisterone levels after injection of norethisterone oenanthate, 405

Medroxyprogesterone acetate CVR, effect on ovarian function, bleeding control and serum lipoproteins, 315

Medroxyprogesterone acetate level, effect of estradiol + medroxyprogesterone acetate CVR, 315

Megestrol acetate,

effect on ovarian function, bleeding control and serum lipoproteins,

Silastic implant, 543

Megestrol acetate CVR, effect on ovarian function, bleeding control and serum lipoproteins, 315

Megestrol acetate level,

effect of estradiol + megestrol acetate CVR, 315

effect of oral administration of megestrol acetate, 315

Menstrual cycle, influence on blood prolactin levels, 201

Menstrual disturbances, survey of different approaches to management during injectable contraceptive use, 385

Menstrual flow, effect of levonorgestrel CVR (monkey), 253

Menstrual pattern changes, topic for further female sterilization studies, 437

Metabolic changes, effect of triphasic ethinyl estradiol + dl-norgestrel, 189

Metabolic effects of two triphasic formulations containing ethinyl estradiol + dl-norgestrel, 189

Metabolite of norethindrone, 17  $\alpha$  -ethinyl-5  $\beta$  -estrane-3  $\alpha$  ,17  $\beta$  -diol HPLC-RIA method, 337

Methodologic considerations in studies on female sterilization.

review for clinicians, 437 Methods to determine success of attempts to terminate early gestation pregnancies with PG vaginal suppositories, 111

15-Methyl-PGF2  $_{\rm Cl}$  , cervical dilatation prior to vacuum aspiration, 223 Milk concentrations of norethisterone, after injection of norethisterone oenanthate, 405

Milk/serum norethisterone ratio, after injection of norethisterone oenanthate, 405

Minilaparotomy/laparotomy tubal sterilization, immediate sequelae, 369 Morphological changes in testes, sequelae of vasectomy, 455

Mortality associated with sterilization, topic for further female sterilization studies, 437

Mortality following tubal sterilization, 369

Multiload Cu 250, effect on serum ferritin and blood haemoglobin levels, 329

Multinational comparative clinical trial of long-acting injectable contraceptives, norethisterone enanthate and depotmedroxyprogesterone acetate, 1

Natural family planning method, correlation of subjective signs with cervical mucus quality and ovulation, 475

Nonoxynol in combination with other vaginal methods of contraception, user acceptability, 103

Norethindrone and ethinylestradiol, pharmacokinetics when administered in solution and as tablets, 241

Norethindrone level, effect of ethinylestradiol + norethindrone administered in solution and as tablets, 241

Norethindrone metabolite, 17  $\alpha$ -ethinyl-5  $\beta$ -estrane-3  $\alpha$ ,17  $\beta$ -diol HPLC-RIA method, 337

Norethisterone CVR, effect on ovarian function, bleeding control and serum lipoproteins, 315

Norethisterone enanthate, survey of different approaches to management of menstrual disturbances, 385

Norethisterone enanthate and depot-medroxyprogesterone acetate, multinational comparative clinical trial of long-acting injectable contraceptives, 1

Norethisterone level.

after injection of norethisteorne cenanthate, 405 after oral ingestion of norethisterone in cow's milk, 405 effect of estradiol + norethisterone CVR, 315

Norethisterone level in milk, after injection of norethisterone oenanthate, 405

Norethisterone oenanthate,

effect on blood hormone levels, 41

norethisterone levels in maternal serum and milk, 405

Norgestrel,

effect on insulin and glucose levels (rat), 413

effect on insulin binding in target tissues (rat), 413

d-Norgestrel, effect on growth hormone and cortisol, 61 Octoxynol in combination with other vaginal methods of

contraception, user acceptability, 103

Oestradiol-178 level, effect of norethisterone oenanthate, 41 Oestrone-3-glucuronide urinary concentration, effect of

oral contraceptives, 69

Oestrone-3-alucuronide/pregnanediol-3 α-alucuronide ratio. effect of oral contraceptives, 69

OM-GA Cu IUCD, comparison with Copper-T 200 in clinical trial, 521 Oral contraceptive,

ethinylestradiol + levonorgestrel, 341, 357, 489

ethinylestradiol + norethindrone, 241

ethynylestradiol + 1-norgestrel, 201 megestrol acetate, 315

mestranol + norethindrone, 337

d-norgestrel, 61

triphasic ethinyl estradiol + dl-norgestrel, 189

triphasic ethynylestradiol + levonorgestrel, 53

Oral contraceptive users, plasminogen activator content of endometrium, 181

Oral contraceptives,

effect on urinary concentrations of steroid glucuronides, 69 influence on blood prolactin levels, 201

influence on incidence of premalignant and malignant lesions of cervix, 505

Ornithine decarboxylase activity, effect of a-difluoromethylornithine (hamster), 159

Ornithine decarboxylase activity during pregnancy (hamster), 159 L-Ornithine decarboxylase activity in implantation sites, effect of a-difluoromethylornithine (rat), 93

Ovarian follicles, effect of D-Ser(TBU)6-EA10-LRH, 125

Ovarian function,

effect of CVRs releasing different progestins, 315 effect of megestrol acetate, 315

Ovarian hormonal reaction, effect of levonorgestrel and ethinyl estradiol, 21

Ovarian steroid receptors, binding of RU-486 (rat), 77

Ovulation and cervical mucus quality correlated with subjective signs, Billings natural family planning method, 475

Oxytocin, effect on corpus luteum function (monkey), 267 Pattern of pregnancy arrest, a -difluoromethylornithine

(hamster), 159 PG (prostaglandin)

PG gel prepartions, intracervically administered for termination of first trimester pregnancies, 209

PGE<sub>2</sub> gel preparation, intracervical application for termination of first trimester pregnancies, 209

Pharmacodynamic effects of ethinyl estradiol, effect of vaginal device releasing levonorgestrel, 21

Pharmacokinetics of levonorgestrel, influence of acetaminopheninduced hepatic necrosis (mouse), 149

Pharmacokinetics of norethindrone and ethinylestradiol, adminstered in solution and as tablets, 241

16-Phenoxy-w-17,18,19,20-tetranor PGÉ2 methyl sulfonylamide (Sulprostone)

Phospholipids level, effect of ethinyl estradiol + levonorgestrel, 357 Plasminogen activator activity,

effect of cyclic phases and IUD in endometrium, 553

effect of oral contraceptives, 181

Plasminogen activator content of endometrium, effect of oral contraceptives, 181

Polarization microscopy, foreign bodies associated with Silastic implants, 543

Polyethylene IUD, effect of polyphloretin phosphate on contraceptive action (rat), 171

Polyphloretin phosphate, effect on contraceptive action of polyethylene IUD (rat), 171

Postpartum insertion, Delta-T IUD, 135

Lippes loop D or Delta loop, 399

Postplacental insertion, sutured and non-sutured IUDs, 299 Potassium level, effect of triphasic ethinyl estradiol

+ dl-norgestrel, 189

Pregnancy, immediate postpartum insertion of Delta-T IUD, 135 Pregnancy rate.

Copper-T 200, 521

depot-medroxyprogesterone acetate, 1

early postpartum insertion of Lippes loop D or Delta loop, 399 immediate postplacental insertion of Delta Lippes loop,

Delta TCu22OC or TCu22OC, 299 norethisterone enanthate, 1

OM-GA Cu, 521

Pregnanediol-3 α -glucuronide urinary concentration, effect of oral contraceptives, 69

Premalignant and malignant lesions of cervix, influence of oral contraceptives, 505

Progestasert, effect on serum ferritin and blood haemoglobin levels, 329 Progesterone,

effect on insulin and glucose levels (rat), 413

effect on insulin binding in target tissues (rat), 413

Progesterone CVR, effect on ovarian function, bleeding control and serum lipoproteins, 315

```
Progesterone level,
     effect of cotrimoxazole, 53
     effect of a -difluoromethylornithine (hamster), 159
     effect of estradiol, progesterone or norgestrel treatment (rat), 413
     effect of estradiol + medroxyprogesterone acetate CVR, 315
     effect of estradiol + megestrol acetate CVR, 315
     effect of estradiol + norethisterone CVR, 315
     effect of levonorgestrel and ethinyl estradiol, 21
     effect of levonorgestrel CVR (monkey), 253
     effect of norethisterone oenanthate, 41
     effect of oxytocin (monkey), 267
     effect of oxytocin and hCG (monkey), 267
     effect of progesterone CVR, 315
     effect of D-Ser(TBU)6-EA10-LRH, 125
     effect of triphasic ethynylestradiol + levonorgestrel. 53
Progesterone receptor, binding of RU-486 (rat), 77
Progestogens, effect on thymus and spleen (rat), 587
Prolactin level.
     effect of ethynylestradiol + 1-norgestrel, 201
     effect of norethisterone oenanthate, 41
     influence of age, menstrual cycle and oral contraceptives, 201
Prostaglandin (PG),
9-deoxo-16,16-dimethyl-9-methylene PGE<sub>2</sub>, 111
     15-methyl-PGF _{\rm CC} , 223  
16-phenoxy-w-17,18,19,20-tetranor PGE _{\rm 2} methyl sulfonylamide, 209
     (155)-15 methyl PGF2a methyl ester, 111
Prostaglandin vaginal suppositories, methods to determine success
          of attempts to terminate early gestation pregnancies, 111
Psychological aspects of vasectomy, review, 455
Putrescine and a -difluoromethylornithine, effect on embryonic
          development (rat), 93
Quetelet index, effect of triphasic ethinyl estradiol +
          dl-norgestrel, 189
Recommended research methodologies for female sterilization studies,
     case-control studies of rare events, 437
     comparative clinical trials for evaluation of immediate
           and short-term effects, 437
     prospective (cohort) studies on long-term effects, 437
Removal rate,
     Copper-T 200, 521
     PM-GA Cu. 521
Residual catqut, after Delta Lippes loop or Delta TCu220C use, 299
Reversibility of vasectomy, review, 455
Route of sterilization, effect on prognosis, 369
RU-486 (17 \beta-hydroxy-11 \beta-(4-dimethylaminophenyl)-17 \alpha-(1-propynyl)
           estra-4,9-dien-3-one)
Scanning electron microscopy, foreign bodies associated with Silastic
           implants, 543
Seminal characteristics,
      effect of cyproterone acetate + testosterone enanthate (monkey), 575
      effect of danazol + testosterone enanthate (rabbit), 281
Sepsis, complications of tubal sterilization, 369
Sequelae, immediately following tubal sterilization, 369
```

Sequelae of male sterilization, review, 455 D-Ser(TBU) $^6$ -EA $^{10}$ -LRH, effect on ovarian follicles, 125 Severe dysplasia of cervix, effect of oral contraceptives, 505

Sex hormone binding globulin level, effect of levonorgestrel

and ethinyl estradiol, 21 Sex steroids, effect on insulin binding by target tissues (rat), 413 Sex steroids and hormonal contraceptives, effect on thymus and spleen (rat), 587 SGOT, effect of triphasic ethinyl estradiol + dl-norgestrel, 189

SGOT level, long-term effects of vasectomy, 423

Shock, complications of tubal sterilization, 369 Side effects,

cervical dilitation prior to vacuum aspiration with laminaria tent, isaptent or 15-methyl-PGF20, , 223

Copper-T 200, 521

intracervically administered PG gel preparations, 209

OMO-GA Cu, 521

vaginal spermicides in combination with barrier methods or IUCD, 103 Silastic implants containing megestrol acetate, scanning electron microscopy and X-ray microanalysis of surrounding subcutaneous tissue

Sodium level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 Sperm count, effect of danazol + testosterone enanthate (rabbit), 281 Sperm motility,

effect of danazol + testosterone enanthate (rabbit), 281

effect of 5a -dihydrotestosterone, 481

effect of sulfasalazine (rat), 273

effect of testosterone, 481

Spermatozoa immobilization test, long-term effects of vasectomy, 327 Spermatozoal capacitation, effect of androgens, 481

Spermatozoal oxidation of fructose,

effect of (R,S)-a -chlorohydrin (rabbit), 565

effect of (R,S)-3-chlorolactaldehyde (rabbit), 565 Spermicides in combination with barrier methods or IUCD,

user acceptability, 103

Spleen and thymus, effect of sex steroids and hormonal contraceptives, (rat), 587

Sterilization,

cesarean hysterectomy, 349

cesarean section with tubal ligation, 349

culdotomy tubal occlusion, 369

laparoscopic tubal ligation without prior insufflation of carbon dioxide gas, 233

laparoscopic tubal occlusion, 329, 369

mililaparotomy/laparotomy tubal occlusion, 369

Sterilization at time of cesarean section, tubal ligation vs. hysterectomy, 349

Steroid glucuronides, effect of oral contraceptives on urinary concentrations, 69

Steroid receptors, binding of RU-486 (rat), 77

Structural and functional changes in epididymis, effect of danazol + testosterone enanthate (rabbit), 281

Subcutaneous tissue around Silastic implant containing megestrol acetate. scanning electron microscopy and X-ray microanalysis, 543

Subjective signs correlated with cervical mucus quality and ovulation, Billings natural family planning method, 475

Sulfasalazine (2-hydroxy-5 [[ 4-(2-pyridinylamino) sulfonyl] azo] benzoic acid)

Sulprostone (16-phenyoxy-w-17,18,19,20-tetranor PGE2 methyl sulfonylamide Sulprostone gel preparation, intracervical application for termination of first trimester pregnancies, 209

Survey of different approaches to management of menstrual disturbances during injectable contraceptive use, 385

Sutured and non-sutured models, immediate postplacental IUD insertion, 299 TC (total cholesterol)

level, effect of ethinyl estradiol + levonorgestrel, 357

TC/HDL cholesterol, effect of ethinyl estradiol + levonorgestrel, 357

TCu220C, immediate postplacental insertion, 299

Termination, immediate postpartum insertion of Delta-T IUD, 135 Termination of early gestation pregnancies with PG vaginal

suppositories, methods to determine success of attempts, 111 Termination of first trimester pregnancy, intracervically administered

PG gel prepartions, 209 Termination rate,

early postpartum insertion of Lippes loop D or Delta loop, 399 immediate postplacental insertion of Delta Lippes loop, Delta TCu220C or TCu220C, 299

Testicular changes following vasectomy, 455

Testis weight, effect of sulfasalazine (rat), 273

effect on fertilizing capacity of spermatozoa, 481 effect on sperm motility, 481

Testosterone binding, effect of levonorgestrel and ethinyl estradiol, 21 Testosterone enanthate + cyproterone acetate, effects on seminal char-

acteristics, androgenicity and clinical chemistry (monkey), 575 Testosterone enanthate + danazol, structural and functional changes in epididymis (rabbit), 281

Testosterone level,

effect of cyproterone acetate + testosterone enanthate (monkey), 575 effect of sulfasalazine (rat), 273
Thrombophlebitis, complications of tubal sterilization, 369

Thymus and spleen, effect of sex steroids and hormonal contraceptives (rat), 587

Time from placental delivery to IUD insertion, effect on expulsion, 135 Time of sterilization, effect on prognosis, 369

Tissue activator level,

effect of cyclic phases and IUD in endometrium, 553

effect of oral contraceptives, 181

Tissue passed by histology, method to determine success of attempts to terminate early gestation pregnancies with PG vaginal suppositories, 111

Tissue passed by history, method to determine success of attempts to terminate early gestation pregnancies with PG vaginal suppositories, 111

Tissue plasminogen activator and urokinase in endometrium, 553

Tonometric examination of cervical canal, effect of intracervically adminsitered PG gel preparations, 209 Total protein level, effect of triphasic ethinyl estradiol + dl-norgestrel, 189 TPC (total plasma cholesterol) TPC level, effect of levonorgestrel CVR (monkey), 253 TPC:HDL cholesterol ratio, effect of levonorgestrel CVR (monkey), 253 Tray agglutination test, long-term effects of vasectomy, 527 Triglycerides level, effect of CVRs releasing different progestins, 315 effect of ethinyl estradiol + levonorgestrel, 357, 489 effect of levonorgestrel CVR (monkey), 253 effect of megestrol acetate, 315 effect of triphasic ethinyl estradiol + dl-norgestrel, 189 long-term effects of vasectomy, 423 Tubal ligation vs. hysterectomy, sterilization at time of cesarean section, 349 Tubal sterilization, immediate sequelae, 369 Uric acid level, long-term effects of vasectomy, 423 Urinary concentrations of steroid glucuronides, effect of oral contraceptives, 69 Urokinase and tissue plasminogen activator in endometrium. 553 Urokinase level. effect of cyclic phases and IUD in endometrium effect of oral contraceptives, 181 Use effectiveness, depot-medroxyprogesterone acetate, 1 norethisterone enanthate, 1 Uterine cramps, effect of intracervically administered PG gel preparations, 209 Vacuum aspiration in late first trimester pregnancy, cervical dilatation with laminaria tent, isaptent or 15-methyl-PGF20, 223 Vaginal bacteriology and cytology, effect of estradiol + levonorgestrel CVR, 341 effect of ethinylestradiol + levonorgestrel, 341 Vaginal bleeding, intracervically administered PG gel preparations, 209 Vaginal device, releasing levonorgestrel, 21 Vaginal PG suppositories, methods to determine success of attempts to terminate early gestation pregnancies, 111 Vaginal spermicides in combination with barrier methods or IUCD, user acceptability, 103 Vasectomy, complications, 455 endocrine changes, 455 epidemiological studies, 455 failure rate, 455 immunological changes, 455 long-term effects on biochemical parameters, 423

long-term effects on immunological parameters, 527

morphological changes in testes, 455 psychological aspects, 455 reversiblility, 455 review of sequelae, 455 types of operations, 455

Very low density lipoprotein (VLDL), effect of CVRs releasing different progestins, 315

effect of megestrol acetate, 315

Visceral injury, complications of tubal sterilization, 369 VLDL (very low density lipoproteins)

VLDL + ILDL + LDL cholesterol level, effect of levonorgestrel CVR (monkey), 253

Vulvar humidity degree vs. cervical mucus ferning, Billings natural family planning method, 475

Vulvar humidity degree vs. cervical mucus spinnbarkeit, Billings natural family planning method, 475

Vulvar humidity degree vs. estimated day of ovulation, Billings natural family planning method, 475

Wound healing, complications of tubal sterilization, 369

X-ray microanalysis, foreign bodies associated with Silastic implants, 543



